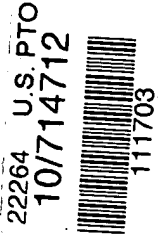


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Utility Patent Application Transmittal  
(Only for new non-provisional applications Under 37 CFR 1.53(b))

MAIL STOP - PATENT APPLICATIONS  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Case Docket No. 03-1040  
1496.00344  
Date: November 17, 2003

Sir:

Transmitted herewith for filing is a patent application of:

Inventor(s): Michael D. Gallant and Eric C. Pearson  
For: HIGH QUALITY, LOW MEMORY BANDWIDTH MOTION ESTIMATION  
PROCESSOR

Enclosed are:

1. ☒ Specification (23 pages); Claims (6 pages); Abstract (1 page)
2. ☒ 5 sheets of drawings.
3. ☒ Oath or Declaration Total Pages 2
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 5 completed)
  - c. ☐ Copy of Revocation of Previous Power
4. ☐ Incorporation By Reference (usable if Item 3b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
5. ☐ If a Continuing Application, check appropriate box and supply the requisite information below and in a preliminary amendment:  
  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
of prior application no.:
6. ☒ An assignment to LSI LOGIC CORPORATION, along with PTO form 1595.
7. ☒ A PTO Form 1449 with a copy of the references not previously cited.
8. ☒ Return Receipt Postcard
9. ☐ A PTO Form SB/35 - Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

The filing fee has been calculated as shown below:

	No. Filed	No. Extra	Fee	Amount
Basic Fee	--	--	--	\$770.00
Total Claims	20	0	x \$ 18.00	\$ 0.00
Indep. Claims	3	0	x \$ 86.00	\$ 0.00
Mult. Dep. Claims			\$290.00	\$ 0.00

SUB-TOTAL ..... \$770.00

SMALL ENTITY STATUS (divide SUB-TOTAL by two) ..... \$

X Assignment Recordal Fee (\$40.00) ..... \$ 40.00

TOTAL ..... \$810.00

— A PTO-2038 form in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.

X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by this paper or associated with this filing to Deposit Account No. 12-2252. A duplicate copy of this sheet is enclosed.

Correspondence Address:

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24319

PATENT TRADEMARK OFFICE

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service via Express Mail Label No. EL804004146US in an envelope addressed to: MAIL STOP PATENT APPLICATIONS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 17, 2003.

By:

Mary Donna Berkley  
Mary Donna Berkley

Respectfully submitted,

By

Christopher P. Maiorana  
Reg. No. 42,829

**Date:** November 17, 2003